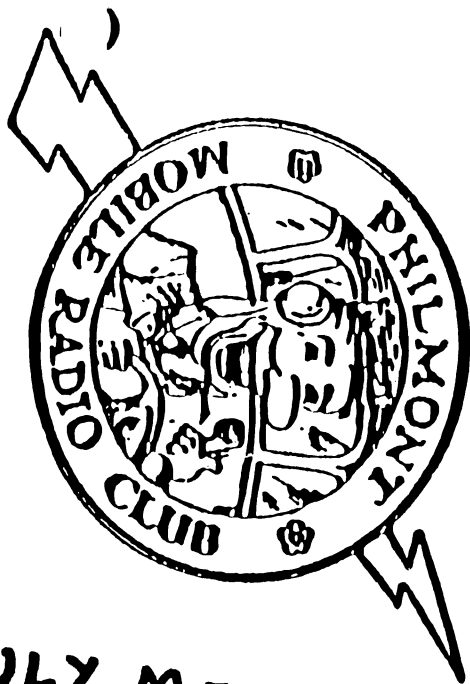


FIRST CLASS MAIL

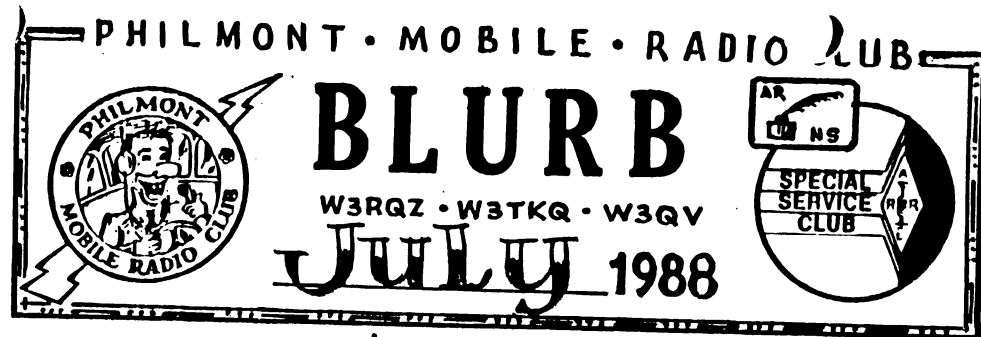
JULY MEETING



A Philmont Mobile Radio  
Club Publication  
125 Keeley Avenue  
New Britain, PA 18901

the blurb

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# PHILMONT'S EXTRAVAGANZER! PADDLERAMA



is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!  
Amateur Radio License Examinations - Every meeting night at 6:30 PM.

**CLUB INFORMATION**

- 24 Hour Information Number at W3TKQ -  
(215) 448-1139

Mailing Address: P.O. Box 88, Abington, PA 19001

**STATIONS**

W3QV - 147.03 Mhz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3888

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PMG

W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PJC, Jack; W3PMG, Rollic

**OFFICERS**

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VICE PRESIDENT: W3CHM, Bill Mescanti, 405 E. Rively Ave., Aldan, PA 19018

SECRETARY: N2RM, Bob Moore, 90 Rose Rita Terrace, Hammonton, NJ 08037

TREASURER: K83IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

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|             |        |                  |        |                 |       |
|-------------|--------|------------------|--------|-----------------|-------|
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| Awards:     | .....  | Net Control:     | W83CHM | Special Events: | ..... |
| BLURB:      | W3PST  | Program:         | W83CHM | Sunshine:       | ..... |
| Directory:  | W83KQJ | Publicity:       | N3EAY  | VE Program:     | W3M3N |
| DX:         | WA3AUN | Refreshments:    | N3EAY  | W3TKQ:          | W3PMG |
| Membership: | W3IIN  | Repeater & Tech: | W3888  | Welcome:        | W3VVS |

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(215) 345-1890

Artist: Sam Kuncovich

Assistant Editors: W3IIM & W83KQJ

Typist: W3IIN

**DEADLINE:** To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Board of Directors' Meeting.

## PHIL-MONT's Net Schedule

| SUNDAY               | TUESDAY              | WEDNESDAY            |
|----------------------|----------------------|----------------------|
| 09 30 147.030 MHz FM | 20:00 147.030 MHz FM | 20:00 147.030 MHz FM |
| 10 00 28.400 MHz SSB | Personalized CW      | Swap Net             |
| 10 20 3.993 MHz SSB  | Practice Net         |                      |



## APPLE BYTES...

**JULY BIRTHDAYS**

02-ALICE POPVIC (XYL N3FVI)

04-MARION BLUM (XYL N3AXJ)

05-RAYMOND L. GILLESPIE - KB3JW

06-EDNA McVAUGH (XYL W3LEM)

10-NATALIE S. GORDON - WB3KOH

-LOUIS RULLI - WB2WOM

12-GRACE SMITH (XYL K3GBA)

14-WILLIAM C. CLAYTON - K3HIE

-LAWRENCE J. CLIFFORD - W3UY

20-DAVID C. ANDERSON - WA2RDC

-IRWIN MILLER - K3KNH

24-PEGGY SNYDER (XYL W2HSA)

25-VIRGINIA J. HARING - W3IIN

27-HELEN BEAMON (XYL W3BFM)

28-FRANKIE GILPIN (XYL W3SRU)

31-STEPHEN C. HOCH - KA3AMO

**HELP PHIL-MONT**

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

.....DE WB3KQJ

**V.E. TEST  
LOCATIONS**  
from EPA FEEDLINE

**BRYN MAWR**  
Bob Haase, W3SA  
(215) 293-1919

**CENTER CITY**  
July 11, Aug 1  
Ramona Dabagian, KM3N  
(215) 448-1139

**COLMAR**  
Stu Silverstein, K3UEI  
(215) 584-0775

**LEVITTOWN**  
Dave Heller, K3TX  
(215) 736-3333

**NEWTOWN SQUARE**  
John Chester  
(215) 544-3837

**WARMINSTER**  
Tom Michaud, WA3TQJ  
(215) 343-3494

**To Phil-Mont**

It doesn't seem possible that it is 20 years since Hy left us. I am sending a small token of remembrance for Phil-Mont to use.

I think of all of you often, especially when I get the "BLURB", (for which I am grateful). I miss all the Phil-Monters that were so much a part of my life. Hy has plenty of good company.

I would be very happy to hear from any of you.

My very best, Anne Hecht and Barry Hecht. 5/1/88

Due to the Independence Day holiday, our general meeting and license examinations will be held on the **SECOND MONDAY** of July.

**JULY 11**

**\* UPDATE \***

**JULY 11** General Meeting

July 13 Directors' meeting at W3BBB's

Jul 16-17 **PADDLERAMA!**

--- \* ---

**AUG 1** General Meeting

Aug 17 Directors' meeting at W83CHM's

--- \* ---

**SEP 12** General Meeting

Sep 14 Directors' meeting at W3PNG's

--- \* ---

**OCT 3** General Meeting  
**FAMILY NIGHT**

Oct 12 Directors' meeting at KB3IV's

**HAMFESTS**

We will print an ongoing schedule of Hamfests based on information received. Please help us keep our list current. If you don't see your favorite event listed here, it's because YOU didn't send it to W3IIM prior to the BLURB deadline!

--- \* ---

**JUL 31** BALTIMORE (BRATS)  
Howard County Fairgrounds

--- \* ---

**AUG 7** WARRINGTON, PA  
MARC Hamfest  
Bucks County Drive-in

--- \* ---

**AUG 28** MULLICA HILL, NJ  
Gloucester County ARC  
4H Fairgrounds,  
147.18 146.52

--- \* ---

**SEP 24-25** YORK HAMFEST

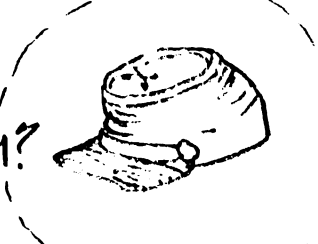
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**(215) 448-1139**

Net Control operators:  
Announce this number on each net!

**Sam's CORNER**

**WHERE DID THE 'CAP' & ITS TERM 'CAP' COME FROM?**



**THE FRENCH MILITARY UNIFORM HEADWEAR OF 1851.. THAT WAS CALLED THE 'KEPPIE'..**

**IN 1861 THE NORTH & SOUTH ARMIES OF THE CIVIL WAR ADOPTED THE 'KEPPIE', THIS SOON WAS SHORTENED TO 'KEP' AND 'CAP'.**

July

# PADDLERAMA

Excerpts from handout to PHRC participants

## BACKGROUND

Paddlerama is sponsored by the Bucks County Council of the Boy Scouts of America. It's a 50 mile, two day, canoe race which starts at the Delaware Water Gap and ends at Tinicum Park (14 miles north of New Hope). It is broken up into two, 25 mile, segments. The first half (Saturday) ends in Easton. Until recent years, the scouts would then camp out overnight in Eddyside Park and begin the second day's race from that same location. Recently, however, the City Fathers no longer permit the encampment, so the scouts now camp at Stover's Mill Park (on Friday and) on Saturday night. The second day (Sunday) now begins (and the first day ends) at the launching area at the east end of the Easton-Phillipsburg bridge.

The annual event's first running was in 1962; Phil-Mont's participation began in 1966. Our involvement is to help ensure the health & welfare of the participants, which has been tested frequently due to the varying river conditions over the years.

In past years there have been as many as 43 canoes in the race; both girls and boys, aged 13 to 18, participate. In recent years, however, the turnout has been more in the order of 12 to 16 canoes.

The Delaware river is normally a relatively calm body of water, with only one area of the race (Foul Rift), just below Belvidere, NJ, being classified as "Class 2" conditions (on an international scale of 1 to 6). Of course, river conditions can vary widely from year to year.

The race goes on, rain or shine, halted only for extreme adverse conditions such as electrical storms or extremely high (and fast flowing) water. (Have you ever seen a canoe literally wrapped around a bridge abutment?)

## THE RACE

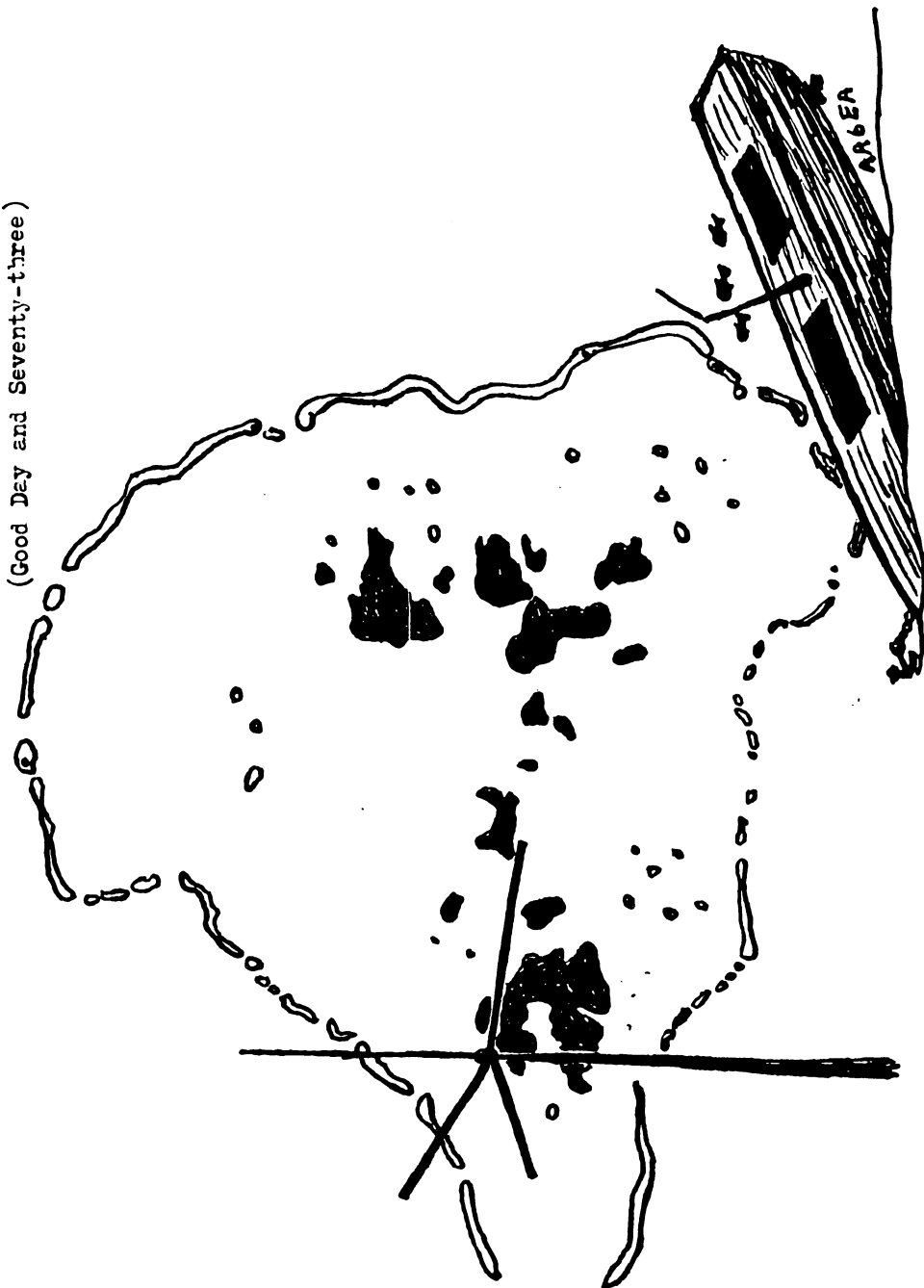
Each team normally consists of six members and one canoe. On each day there are three "relays", each consisting of passage through three "gates" and a "changeover". The gates (poles) are suspended vertically over the river (usually in an area of rapid water conditions). Each team is judged on its successful passage (forward and reverse!) through the gates, and penalty points (worth 5 minutes each) are added to the times of those who fail to make clear passage. The changeover is just what the name implies, however, it is possible to get penalty points here too, due to improper procedures. At the end of each day, times and penalty points are calculated and posted for each relay.

Awards are given for all sorts of achievements. There are, at least, four "classes" of entrants, including Senior Boys, Senior Girls, Junior Boys, and Junior Girls.

## PHIL-MONT

**DAY ONE:** Our part in the race begins on Saturday morning, on the New Jersey side of the river at the Kittatinny Point Information Station at the Delaware Water Gap (approx. 1 hour and 45 minutes north of Doylestown), where we link-up with the Scouts. Here the Scouts conduct their first-day briefing just prior to the start of the race (11:00). Many of us will take this opportunity to find

Ran Annin o Fik-me-umunge t  
(Good Day and Seventy-three)



To most people, if the name "Truk" means anything, it means the place where a fleet of Japanese war ships was laid to rest during World War II. To scuba divers in particular, the terms "Truk Lagoon" and "wreck diving" are practically synonymous, and each year hundreds come to explore these submerged relics firsthand.

But sunken ships are only a small aspect of what the Truk Lagoon is all about. Geologically, the lagoon is a delightful treat as it is one of the few places on earth where a sinking volcano system and its resultant coral atoll can be seen together, creating one of the largest barrier reefs in existence. Then there are the almost 200 atolls and reef islands outside the lagoon itself. Here a Micronesian life-style quite unaffected by Western influence prevails. Men still know the ancient navigational skills and are attired in the native loincloth or "thu".

To try to see all of these aspects of Truk would be a monumental task for any one person. The main way most of the islands are kept in contact with the District Center of Moen island is by boats and copra ships. Yet this District Center is also where Continental Airlines flies its 727s, and foreign visitors stay. So an American tourist can easily find himself riding in the back of a pickup style taxi along with a loinclothed Western Islander.

Moen is also the center of electronic communication for Truk. Not far from the International Airport stands the State Radio station, WSCZ, (1593 KHz), shortwave antennas, and the Satellite Communication Center. But as is often the case for Truk, these modern setups are not nearly as impressive as the old Japanese ones. On a hill far from the downtown structure is the former Japanese Communications building -- an impressive sight in itself! Thick, fortified con-

crete walls with steel window shutters -- there is good reason the building withstood the American bombings and various subsequent typhoons. Even the most dedicated amateur radio operator has never dreamed of a "shack" like that.

The Trukese on Moen are not in the stone age as far as electronic interests. Direct television viewing has succumbed to a profusion of video cassettes, and video rental stores can be seen all over. However, what is also seen all over, and appears to be growing in popularity, are vertical HF antennas. Yes, to hams from other parts of the world, "CB radio" may be a foul word, but in Truk, it has the potential to be a useful tool. With phones not being available to even all who desire them on Moen itself, much less on the outer island, the practicality of a Citizen's Band setup is quite apparent. A person may live where there isn't even a car, but with an inexpensive radio, he can keep in touch.

This is not to say that Truk is void of Amateur Radio. Some dedicated and long term operators live on Moen. Their raised 3 element beam antennas tower high above the much larger number of CB ones.

How many of those now enthralled by the simpler style radio will progress to ham radios, only time will tell. Truk, even with all of its war wrecks, is anything but stagnant and communication is playing a more and more important part in its future. Scuba divers may continue thinking that all there is to the Truk State in the Federated States of Micronesia is a bunch of sunken ships, yet for amateur radio operators who have the chance to contact the raised antennas of resident Truk hams, they will have opportunity to learn about caves and tunnels, birds and bats...and much, much more.

Ran Annim o Fik-me-unungat  
(Good Day and Seventy-three)

those scouts who will be at the same location to which we have been assigned. (This comes in handy if you are unfamiliar with the territory, or need a canoe to get to your assigned location.) Generally there are three types of assignments, that you might get, which are more fully explained below:

1. Gates
2. Changeovers
3. Observation points

The "sweep canoe" is loaded and put in the river at this point, too. Captained, in recent years, by W838PI (Brad King) and his able (and always hungry) crew, who are equipped with at least two radios with which they keep in touch with both MO-COM and their very own "chase car" (food procurement car). Their mission is to ensure the safe passage of all who precede them down the river. (One year we even had a submarine, captained by K3PHC!)

All the while, MO-COM is being set-up near Johnson's Farm, at a point 1100 feet above sea level, southeast of Belvidere, NJ.

Race information is coordinated and recorded by the MO-COM operators. If you are assigned to an "observation point" you are responsible only for observing safe passage past your location. From each set of "gates" we will relay penalty point information for each canoe. From the "changeover" points will come "official" time information. Up until recent years, all of this information was manually tabulated at the end of each day's race. However, this year will be the fourth year in which PHRC has provided an additional service to the Scouts in the form of computer-calculated results.

As the scores are transmitted to MO-COM, they are immediately entered into the computer which, in addition to assisting with the scoring, calculates the projected arrival time of the first canoe at each succeeding check point.

At the end of the first day you are invited to partake of a PHRC tradition: Spaghetti by Baldy Bill (W3YHV)! (If you've made prior arrangements.)

DAY TWO begins in Easton (or at Baldy Bill's campsite, if you're really hungry! - the sweep canoe crew camps next to the cook tent!) Meanwhile, MO-COM has been set up at the 900 foot level, north of Milford, NJ. Due to a conflict with a relatively new phenomenon in Easton ("Derriere in the Delaware," an inner-tube float from Eddyside Park to the Phillipsburg bridge), we are no longer able to start the race from Eddyside Park. The alternative starting location is on the eastern shore (Phillipsburg access area), just north of the old Phillipsburg bridge. From there the Scouts paddle across two rivers (the Delaware AND the Lehigh!) to their first set of gates, just below the "Canal Museum".

At the end of the second day all Scouts (and PHRCers) gather at Tinicum park where the final results are entered into the computer, the winners determined, and awards presented.

Paddlerama has, for years, been Phil-Mont's substitute for Field-Day. Those who've attended, will agree that it sure beats sending "CQ-field day" for 24 hours straight!

Contact W3888 if you'd like to join us!

1988

JULY

1988

| SUNDAY                                                              | MONDAY                                      | TUESDAY                 | WEDNESDAY                                                                               | THURSDAY         | FRIDAY | SATURDAY         |
|---------------------------------------------------------------------|---------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------|------------------|--------|------------------|
| 3<br>2m NCS WB3CMM<br>10m NCS Anyone<br>75m NCS W3PWG               | 4<br>DRIVE SAFELY!<br>Independence Day      | 5<br>CODE PRACTICE NET  | 6<br>SWAP-NET<br><small>CLOSED FOR HOLIDAY</small>                                      | 7                | 1<br>8 | 2<br>9           |
| 10<br>2m NCS NEEDED<br>10m NCS Anyone<br>75m NCS W3AOA              | 11<br>GENERAL MEETING<br>&<br>LICENSE EXAMS | 12<br>CODE PRACTICE NET | 13<br>SWAP-NET<br><small>CLOSED FOR HOLIDAY</small>                                     | 14               | 15     | 16<br>PADDLERAMA |
| 17<br>2m NCS KB3JW<br>10m NCS Anyone<br>75m NCS W3RCE<br>PADDLERAMA | 18                                          | 19<br>CODE PRACTICE NET | 20<br>SWAP-NET<br><small>CLOSED FOR HOLIDAY</small><br>DIRECTORS' MEETING<br>at W3BBB's | 21               | 22     | 23               |
| 24<br>2m NCS W3AA<br>10m NCS Anyone<br>75m NCS AK2I                 | 25                                          | 26<br>CODE PRACTICE NET | 27<br>SWAP-NET<br><small>CLOSED FOR HOLIDAY</small>                                     | 28               | 29     | 30               |
| 31<br>2m NCS KA3BET<br>10m NCS Anyone<br>75m NCS W3HFY              |                                             |                         |                                                                                         | World War I 1914 |        |                  |

## NOVICE

| BAND  | CW ONLY         |                 |
|-------|-----------------|-----------------|
| 80    | 3.700 -         | 3.750           |
| 40    | 7.100 -         | 7.150           |
| 15    | 21.100 -        | 21.200          |
|       | CW/RTTY         | CW/VOICE        |
| 10    | 28.100 - 28.300 | 28.300 - 28.500 |
|       | ALL MODES       |                 |
| 1 1/4 | 222.100 -       | 223.910         |
| 23 cm | 1270.000 -      | 1295.000        |

As of 21 March 1987.  
Frequencies in MHz.

KF4LM

## TECHNICIAN

| BAND  | CW ONLY           |                   |
|-------|-------------------|-------------------|
| 80    | 3.700 -           | 3.750             |
| 40    | 7.100 -           | 7.150             |
| 15    | 21.100 -          | 21.200            |
|       | CW/RTTY           | CW/VOICE          |
| 10    | 28.100 - 28.300   | 28.300 - 28.500   |
|       | CW ONLY           | ALL MODES         |
| 6     | 50.000 - 50.100   | 50.100 - 54.000   |
| 2     | 144.000 - 144.100 | 144.100 - 148.000 |
|       | ALL MODES         |                   |
| 1 1/4 | 220.000 -         | 225.000           |
| 70 cm | 420.000 -         | 450.000           |
| 33 cm | 902.000 -         | 928.000           |
| 23 cm | 1240.000 -        | 1300.000          |

As of 21 March 1987.  
Frequencies in MHz.

KF4LM

## GENERAL

| BAND  | ALL MODES         |                   |
|-------|-------------------|-------------------|
| 160   | 1.800 -           | 2.000             |
|       | CW/RTTY           | CW/VOICE/SSTV/FAX |
| 80    | 3.525 - 3.750     | 3.850 - 4.000     |
| 40    | 7.025 - 7.150     | 7.225 - 7.300     |
| 30    | 10.100 - 10.150   |                   |
| 20    | 14.025 - 14.150   | 14.225 - 14.350   |
| 15    | 21.025 - 21.200   | 21.300 - 21.450   |
| 12    | 24.890 - 24.930   | 24.930 - 24.990   |
| 10    | 28.000 - 28.300   | 28.300 - 29.700   |
|       | CW ONLY           | ALL MODES         |
| 6     | 50.000 - 50.100   | 50.100 - 54.000   |
| 2     | 144.000 - 144.100 | 144.100 - 148.000 |
|       | ALL MODES         |                   |
| 1 1/4 | 220.000 -         | 225.000           |
| 70 cm | 420.000 -         | 450.000           |
| 33 cm | 902.000 -         | 928.000           |
| 23 cm | 1240.000 -        | 1300.000          |

As of 21 March 1987.  
Frequencies in MHz.

KF4LM

## ADVANCED

| BAND  | ALL MODES         |                   |
|-------|-------------------|-------------------|
| 160   | 1.800 -           | 2.000             |
|       | CW/RTTY           | CW/VOICE/SSTV/FAX |
| 80    | 3.525 - 3.750     | 3.775 - 4.000     |
| 40    | 7.025 - 7.150     | 7.150 - 7.300     |
| 30    | 10.100 - 10.150   |                   |
| 20    | 14.025 - 14.150   | 14.175 - 14.350   |
| 15    | 21.025 - 21.200   | 21.225 - 21.450   |
| 12    | 24.890 - 24.930   | 24.930 - 24.990   |
| 10    | 28.000 - 28.300   | 28.300 - 29.700   |
|       | CW ONLY           | ALL MODES         |
| 6     | 50.000 - 50.100   | 50.100 - 54.000   |
| 2     | 144.000 - 144.100 | 144.100 - 148.000 |
|       | ALL MODES         |                   |
| 1 1/4 | 220.000 -         | 225.000           |
| 70 cm | 420.000 -         | 450.000           |
| 33 cm | 902.000 -         | 928.000           |
| 23 cm | 1240.000 -        | 1300.000          |

As of 21 March 1987.  
Frequencies in MHz.

KF4LM

# EXTRA

| BAND |     | ALL MODES  |          |                   |         |
|------|-----|------------|----------|-------------------|---------|
| 160  |     | 1.800 -    | 2.000    |                   |         |
|      |     | CW/RTTY    |          | CW/VOICE/SSTV/FAX |         |
| 80   |     | 3.500 -    | 3.750    | 3.750 -           | 4.000   |
| 40   |     | 7.000 -    | 7.150    | 7.150 -           | 7.300   |
| 30   |     | 10.100 -   | 10.150   |                   |         |
| 20   |     | 14.000 -   | 14.150   | 14.150 -          | 14.350  |
| 15   |     | 21.000 -   | 21.200   | 21.200 -          | 21.450  |
| 12   |     | 24.890 -   | 24.930   | 24.930 -          | 24.990  |
| 10   |     | 28.000 -   | 28.300   | 28.300 -          | 29.700  |
|      |     | CW ONLY    |          | ALL MODES         |         |
| 6    |     | 50.000 -   | 50.100   | 50.100 -          | 54.000  |
| 2    |     | 144.000 -  | 144.100  | 144.100 -         | 148.000 |
|      |     | ALL MODES  |          |                   |         |
| 1    | 1/4 | 220.000 -  | 225.000  |                   |         |
| 70   | cm  | 420.000 -  | 450.000  |                   |         |
| 33   | cm  | 902.000 -  | 928.000  |                   |         |
|      | cm  | 1240.000 - | 1300.000 |                   |         |

As of 21 March 1987.  
Frequencies in MHz.

KF4LM

## Desktop Guide to US Amateur Frequency Allocations

Dear PHILMONT:

Here is the long awaited update to my Desktop Guide to US Amateur Frequency Allocations. I have found this format to be much easier to decipher than the ARRL bar charts.

For those with digital readouts on their rigs or frequency counters, this chart will give you an instant picture of the frequency limits corresponding with your class of license, mode of operation, and band.

Simply fold the page in quarters with your class of license on top. Tack up near the rig or slid under the desk top glass.

Wishing you good DX from the mobile and happy motoring.

73,

**Rick**  
KF4LM